

DATA sheet

Static Packed
Tower Fume
Scrubbing Units

INTRODUCTION

The abatement of corrosive fumes has long been achieved by the use of columns filled with random static packing creating a high surface area regime which promotes mass transfer of the corrosive gas elements into the scrubbing liquor.

Spiral wound corrosion resistant thermoplastics such as Polypropylene and High Density Polyethylene are ideally suited for the manufacture of Static Packed Tower Fume Scrubbing as they :-

- Provide homogeneous internal and external corrosion resistance
- Are readily fabricated into large freestanding structures
- Can be assembled into packages with fans, pumps and pipework in the same materials.
- Can be simply adapted as regulation requires further monitoring equipment to be mounted on the units.

Chem Resist designs, manufactures, installs and commissions complete Static Packed Tower Fume Scrubbing installations up to 100,000m³/hr in a single column.

